

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		\$3	US-PGPUB; USPAT	OR	OFF	2006/08/24 08:53
		S64 and rotat\$	USPAT; USOCR	OR	OFF	2006/08/24 08:02
		S64 same rotate	USPAT; USOCR	OR	OFF	2006/08/24 08:02
		S27 and flex\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:45
		spindle same clean\$ same tool	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/23 15:36
L1	2199	pipe same cleaner same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 08:33
L2	104	(pipe adj cleaner) same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 08:39
S1	8	(("2619009") or ("3435479") or ("3603125") or ("4422200") or ("5895182") or ("6409641")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/12 14:11
S2	2673	(15/246,246.5,256.5,256.52).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 10:06
S3	428	S2 and (shaft or spindle)	US-PGPUB; USPAT	OR	OFF	2005/12/12 15:38
S4	2167	(15/88,104.03,104.05,104.09,104.095).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 15:36
S5	276	S4 and (shaft or spindle)	US-PGPUB; USPAT	OR	OFF	2005/12/14 16:26

## EAST Search History

S10	1547	((409/134,137) or (408/67)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/14 09:06
S11	486	S10 and (spindle or shaft)	US-PGPUB; USPAT	OR	OFF	2005/12/12 16:36
S12	257	S10 and (clean\$)	US-PGPUB; USPAT	OR	OFF	2005/12/12 16:37
S13	4	"3320598"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 15:44
S14	5	"4206587"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/13 15:44
S15	12	("1393663"   "1475079"   "1611874"   "1895532"   "2911665"   "3289239"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/13 15:45
S16	3	("4468834").URPN.	USPAT	OR	OFF	2005/12/13 15:46
S17	6	("0554986"   "4822218"   "5332343"   "5356245"   "5487629").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/13 15:47
S18	2	("5895182").URPN.	USPAT	OR	OFF	2005/12/13 15:47
S19	8	("3595109"   "3804426"   "3901108"   "4185376"   "4404728"   "4915553"   "4951578"   "6059702").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/13 15:49
S20	1	("6409641").URPN.	USPAT	OR	OFF	2005/12/13 15:53
S21	112	(15/246,246.5,256.5,256.52).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 09:06
S22	290	(15/88,104.03,104.05,104.09,104. 095).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 09:06
S23	166	((409/134,137) or (408/67)).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 10:06
S24	1324	spindle same (clean or cleaning or cleaner) same tool	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 09:27
S25	280	S24 and (brush or bristles or wipe\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 10:18

## EAST Search History

S26	49	"492"/*.cls. and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:44
S27	595	dremel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:45
S28	161	S27 and (flex or flexible or flex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:54
S29	100429	bosch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:54
S30	4102	S29 and (flex or flexible or flex-shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:55
S31	0	S29 and (flex-shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:55
S32	4102	S29 and (flex or flexible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:55
S33	1	S32 and 'dremel'	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 15:57

## EAST Search History

S34	169	S32 and (variable same speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 16:00
S35	47	S32 and (rotary same tool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 16:00
S36	2167	(15/88,104.03,104.05,104.09,104.095).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/14 16:22
S37	205	S36 and fluid	US-PGPUB; USPAT	OR	OFF	2005/12/14 16:22
S38	276	S36 and (shaft or spindle)	US-PGPUB; USPAT	OR	OFF	2005/12/14 16:27
S39	136	S38 and (fluid or liquid)	US-PGPUB; USPAT	OR	OFF	2005/12/14 16:27
S40	10	("3280416"   "3852923"   "3922746"   "4085474"   "5070823"   "5307745"   "5351631"   "5531189"   "5813089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/14 16:34
S41	10	("3280416"   "3852923"   "3922746"   "4085474"   "5070823"   "5307745"   "5351631"   "5531189"   "5813089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/14 16:37
S42	0	("6839930").URPN.	USPAT	OR	OFF	2005/12/15 09:10
S43	0	tailgate adj brush	USPAT	OR	OFF	2005/12/15 09:11
S44	2	hitch adj brush	USPAT	OR	OFF	2005/12/15 09:11
S45	83	hitch same brush	USPAT	OR	OFF	2005/12/15 09:11
S46	22	"15"/\$.ccls. and (hitch or tailgate) same (brush or bristle)	USPAT	OR	ON	2005/12/15 09:12
S47	26	"15"/\$.ccls. and (hitch or tailgate) same (brush or bristle)	US-PGPUB; USPAT	OR	ON	2005/12/15 09:47
S48	0	(splatter same shield) and dremel	US-PGPUB; USPAT	OR	ON	2005/12/15 09:47
S49	27	(shield) and dremel	US-PGPUB; USPAT	OR	ON	2005/12/15 09:47
S50	10	"4801166"	US-PGPUB; USPAT	OR	OFF	2005/12/15 10:48
S51	1	"6,752,453"	US-PGPUB; USPAT	OR	OFF	2005/12/15 11:03

## EAST Search History

S52	6	tailgate same brush	US-PGPUB; USPAT	OR	OFF	2005/12/15 11:03
S53	2800	(15/246,246.5,256.5,256.52).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 10:07
S54	2467	(15/88,104.03,104.05,104.09,104.095).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 10:06
S55	1732	((409/134,137) or (408/67)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 10:07
S56	2191	(15/88,104.03,104.05,104.09,104.095).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/23 15:36
S57	220	S56 and fluid	US-PGPUB; USPAT	OR	OFF	2006/08/23 15:37
S58	396	S56 and fluid	USPAT; USOCR	OR	OFF	2006/08/23 16:02
S59	189	fluid same rotat\$3 same pad same clean	USPAT; USOCR	OR	OFF	2006/08/23 16:05
S60	524	15/28.ccls. not toothbrush	USPAT; USOCR	OR	OFF	2006/08/23 16:10
S61	30	S60 and fluid	USPAT; USOCR	OR	OFF	2006/08/23 16:06
S62	19	15/28.ccls. and sponge	USPAT; USOCR	OR	OFF	2006/08/24 07:55
S63	85	fluid same supply same sponge same clean	USPAT; USOCR	OR	OFF	2006/08/24 08:01
S64	455	"401"/\$.ccls. and sponge same (hand)	USPAT; USOCR	OR	OFF	2006/08/24 08:02
S65	53	S64 and rotate	USPAT; USOCR	OR	OFF	2006/08/24 08:02
S66	59	S64 and rotate	USPAT; USOCR	OR	ON	2006/08/24 08:06
S67	13	15/28.ccls. and applicator	USPAT; USOCR	OR	ON	2006/08/24 08:14
S68	179	lotion same applicator same pad	USPAT; USOCR	OR	ON	2006/08/24 08:16

## EAST Search History

S69	13	("3568237"   "4118824"   "4299005"   "4381766"   "4396028"   "4483356"   "4941226"   "5240339"   "5659916"   "5664281"   "5692261"   "5842488").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 08:16
S70	44	S68 and rotat\$3	USPAT; USOCR	OR	ON	2006/08/24 08:16
S71	48	S68 and rotat\$4	USPAT; USOCR	OR	ON	2006/08/24 08:23
S72	12	("2678457"   "3417417"   "3699952"   "3757419"   "3864780"   "3932909"   "3939599"   "4137588"   "4158246"   "4397056").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 08:26
S73	14	("1969549"   "3183538"   "3240966"   "3255637"   "3274631"   "3277358"   "3585669").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/24 08:27
S74	9	("4724563").URPN.	USPAT	OR	OFF	2006/08/24 08:28
S75	66	bearing same block same mount\$3 same clean	US-PGPUB; USPAT	OR	OFF	2006/08/24 08:53